

### **ABSTRACT**

A building block manufacturing system comprising a compression chamber capable of containing compressible block making material, said material comprised entirely or in part of waste material, preferably selected from the group consisting of fly ash, ground wood, waste vegetation matter, sea shells and sand; and a ram capable of exerting a desired pressure on the contents of said compression chamber; wherein, when said block making material being is placed in the compression chamber, the ram may exert a desired pressure on the material thereby compressing, and assisting in the curing or the material into a desired shape conforming to the interior surfaces of the compression chamber. The present invention also comprises the novel method of using the novel block manufacturing system.